AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/730238 Filing Date: December 5, 2000

Title: POWER SUPPLY WITH BUS HUB

Assignee: Intel Corporation

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IN THE CLAIMS

Please cancel claims 24-25 and amend the claims as follows:

1.

(currently amended) An apparatus, comprising:

- a housing;
- a power supply enclosed in the housing; and
- a bus hub enclosed in the housing; and
- a downstream receptacle connected to both the power supply and the bus hub.
- 2. (original) The apparatus of claim 1, wherein the bus hub further comprises an upstream port.
- 3. (currently amended) The apparatus of claim 1, wherein the bus hub comprises[[;]]: at least one downstream port to connect to at least one downstream device.
- 4. (original) The apparatus of claim 1, wherein the bus hub is self powered.
- 5. (original) The apparatus of claim 1, wherein the bus hub is bus powered.
- 6. (original) The apparatus of claim 2, further comprising: a hub repeater connected to the upstream port.
- 8. (currently amended) The apparatus of claim [[7]] 1, further comprising a cable connected to the downstream receptacle, wherein the cable further comprises: a device power wire; a device ground wire;

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a computer power wire;

a computer ground wire; and

a plurality of signal wires.

- 9. (original) The apparatus of claim 8, wherein the plurality of signal wires further comprises a signal twisted pair.
- 10. (original) The apparatus of claim 8, wherein the plurality of signal wires further comprises a fiber optic channel.
- 11. (original) The apparatus of claim 1, wherein the power supply further comprises an alternating current to direct current converter.
- 12. (currently amended) A computing unit, comprising:

a computer comprising:

an upstream receptacle to deliver data signals to the computer[[,]]; and

a power receptacle to deliver electrical power to the computer; and

a power hub coupled to the upstream receptacle and the power receptacle via a cable, wherein the power hub comprises:

a housing[[,]];

a power supply enclosed in the housing[[,]]; and

a bus hub enclosed in the housing.

- 13. (currently amended) The computing unit of claim [[11]] 12, wherein the cable further comprises:
 - a device power wire;
 - a device ground wire;
 - a computer power wire;
 - a computer ground wire; and
 - a plurality of signal wires.



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- 14. (original) The computing unit of claim 13, wherein the plurality of signal wires comprises a twisted pair.
- 15. (original) The computing unit of claim 13, wherein the plurality of signal wires comprises a fiber optic channel.
- 16. (original) The computing unit of claim 12, wherein the bus hub further comprises an upstream port.
- 17. (currently amended) The computing unit of claim 12, wherein the bus hub further comprises[[;]]:
 at least one downstream port to connect to at least one downstream device.
- 18. (original) The computing unit of claim 12, wherein the bus hub further comprises: a hub repeater connected to the upstream port.
- 19. (original) The computing unit of claim 12, wherein the bus hub is self powered.
- 20. (original) The computing unit of claim 12, wherein the bus hub is bus powered.
- 21. (currently amended) A cable comprising:
 - a device power wire;
 - a device ground wife;
 - a computer power wire;
 - a computer ground wire; and
 - a plurality of signal wires fiber optic channel.
- 22. (original) The cable of claim 21, wherein the cable further comprises: an upstream plug to connect to both an upstream bus receptacle and a power receptacle,

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wherein the power receptacle dray's electric power from the computer power wire.

23. (currently amended) The cable of claim 21, further comprising:
a downstream plug to electrically connect to both a downstream bus receptacle and a
power receptacle, wherein the power receptacle is to supply electric power to the
computer power wire, and wherein the downstream bus receptacle is connected
to the device power wire, the device ground wire, and the plurality of signal wires.

24.-25. (cancelled)

